SyxthSense wireless control and measurement, effective and flexible

WIRELESS PRODUCT RANGE

TEFL Room Transmitters with Range of Options
- Wireless Room Temperature and Humidity Transmitters with Multiple Options
- Long and Reliable Transmission Range
- Battery Powered up to 6 years (24Vac/dc option)
- Temperature and Humidity Versions
- 5-Position Switch, LCD, Setpoint and Digital Contact Options
- Accurate Measurement and Transmission to FLTA

TEU-FL Generic Transmitters
- Wireless Temperature and Generic Analogue Signal Transmitters
- Long and Reliable Transmission Range
- Battery Powered up to 6 yrs (24Vac/dc on request)
- For use with any type Pt1000 Sensor e.g. Duct, Strap-On, Flying Lead
- 0..10Vdc Input for use with CO2, Pressure, Wind Speed, Solar Radiation etc.

TEU-FL Room Transmitters with Range of Options
- Wireless Room Temperature and Humidity Transmitters with Multiple Options
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- Battery Powered up to 6 yrs (24Vac/dc option)
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- 5-Position Switch, LCD, Setpoint and Digital Contact Options
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FLTA Receivers / Modbus Interfaces
- Wireless Receiver and Control Module
  - 8 x 0..10Vdc Control Outputs, Fully Configurable
  - Modbus RS-485 Interface Built-In
  - LCD Display for Live Data Readings, Signal Strength and System Configuration
  - Out of Range and Battery Level Monitoring
  - FLTA-KP10 Version for HRP/LRP Controllers

FLREP-U Outside / High Power Repeaters
- High Power Repeaters for Internal or Outdoor Use
- 2 x 24Vac/dc Power Supply
- IP54 Enclosure
- Extends the Wireless System Transmission Range
- Listens and Automatically Transmits Weak Signals from the Wireless Transmitters and IO-Modules
- Up to 8 Repeaters in a Single Network
- Configured via FLSER Service Tool

FLSER Service and Network Setup Tool
- Addressing Wireless Transmitters and Repeaters
- Signal Strength Testing for Optimal Positioning of the Sensors and IO-Modules
- Can act as a Repeater for Test Purposes
- Configures RY-FL Inputs and Outputs
- Battery Powered
- LCD Display with Simple Operation

WIRELESS SYSTEM OVERVIEW

RY-FL Input/Output Modules
- Wireless Input/Output Modules for Effective Zone Control or Monitoring
  - Works with FLTA Control Module
  - 2 Inputs, configurable Di (volt-free) or Ai (0..10Vdc)
  - 2 Outputs, configurable DO (230Vac SPDT) or AO (0..10Vdc, PWM Triac Parallel)
  - 230Vac Power Supply with Aux 24Vac Power Supply for Repeaters

LA-FL Wireless Occupancy
- Wireless Occupancy Sensors
- Long and Reliable Transmission Range with Range Extenders
- Battery Powered up to 3 years
- Measurement Range up to 12m
- Measurement Angle up to 140°
- Hold-Off Delay Configured at FLTA

FLSER Service and Network Setup Tool
- Addressing Wireless Transmitters and Repeaters
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WIRELESS RANGE FEATURES
- 868.30 MHz Operation Frequency
- Modern FSK Modulation Provides Reliable and Long Transmission Range
- Single Network can Support up to 99 Wireless Devices (max. 20 RY-FL IO-Modules)
- Up to 63 FLTA Networks covering Requirements to Most Demanding Applications
- Wide Range of Transmitter Options and Repeaters, the System can grow with the Requirements
- Comprehensive RS-485 RTU Modbus Interface for Measurements and Control
- Easy to Configure and Robust
- Loan Units Available for Actual Site Tests - Prove It and be Sure!

IDEAL FOR
- Old and Protected Buildings
- Tanked Areas
- System Fault Finding and Monitoring
- Zone Enhancements
- Project Cost Reductions

TEFL Wireless IO-Module
- Wireless Temperature and Generic Analogue Signal Transmitters
- Accurate Measurement and Transmission to FLTA
- 5-Position Switch, LCD, Setpoint and Digital Contact Options
- Battery Powered up to 6 years (24Vac/dc option)

LA-FL Wireless Occupancy Sensor
- Temperature
- Humidity
- Setpoint
- Contact
- E-Position Switch

Range Extenders
- Extends the Wireless System Transmission Range
- 12-24Vac/dc Power Supply
- Wireless Repeater for Indoor Use
- FLREP-U High Power Repeater (Optional)

Modbus RTU Communication
- Modbus RTU RS-485
- Display for System
  - Measurements
  - Signal Strengths
  - Alarm (Battery / Loss)
  - Commissioning

Modbus RTU RS-485 or Alarm Output 90 Sensors via Modbus
- 8 x 0..10Vdc Modbus RS-485 or Alarm Output (individually selectable)

Modbus RTU RS-485 Communication
- 8 x 0..10Vdc Modbus RS-485 or Alarm Output (individually selectable)
- 20..100m in Buildings
- Transmission Distance

Modbus RTU RS-485 Communication
- 8 x 0..10Vdc Modbus RS-485 or Alarm Output (individually selectable)
- 20..100m in Buildings
- Transmission Distance

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